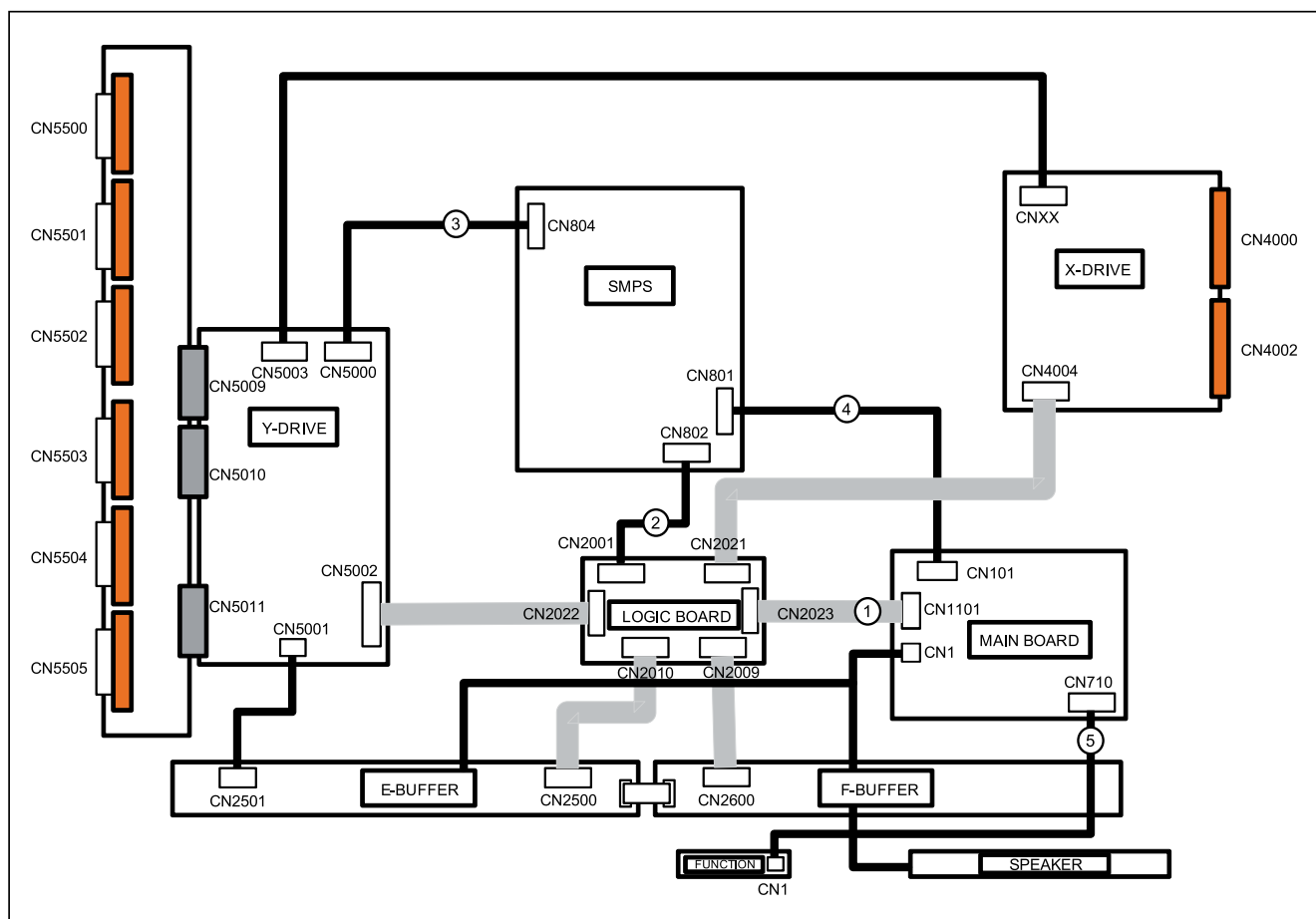


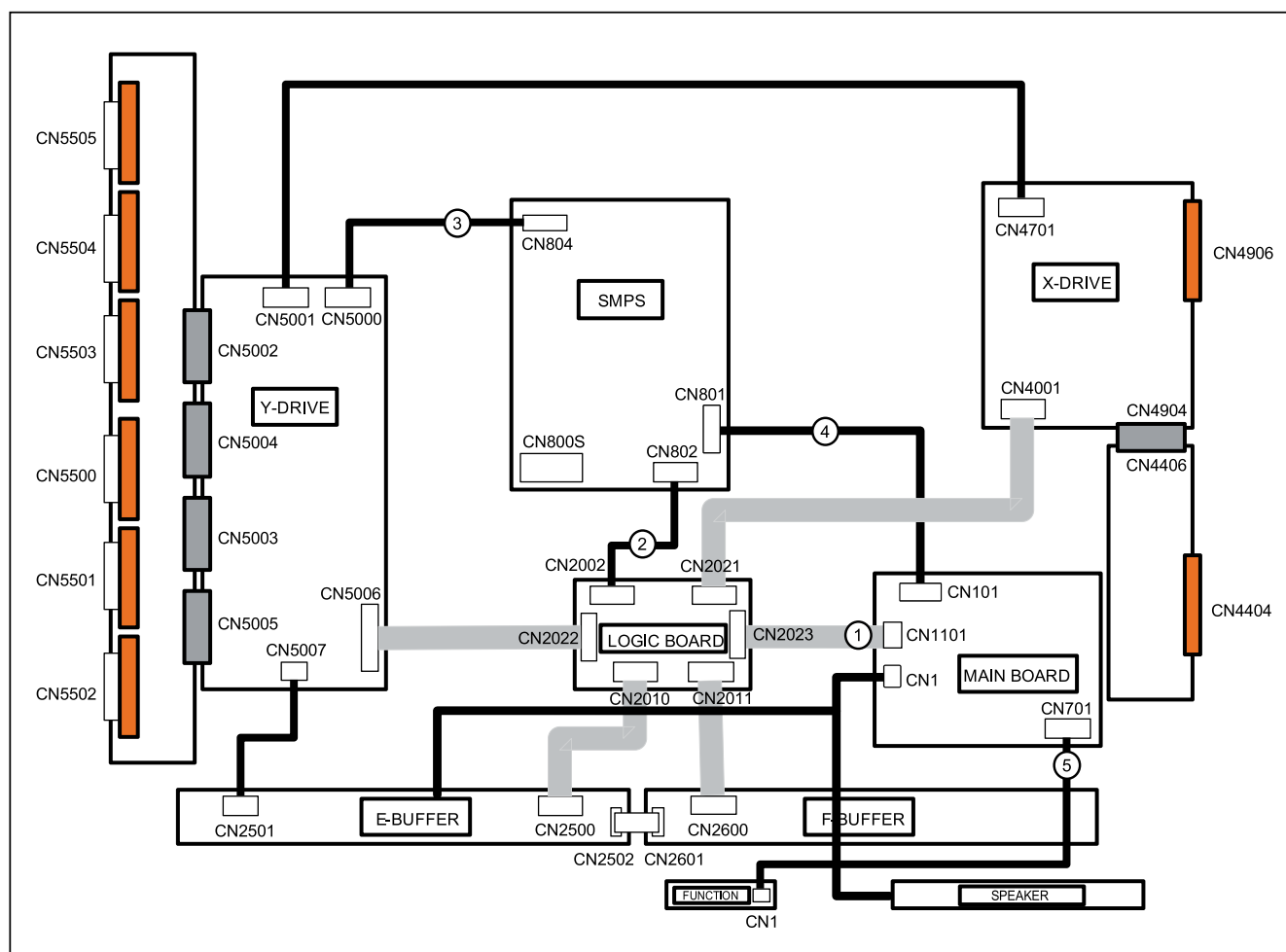
## 5. Wiring Diagram

### 5.1. Overall Wiring

#### ■ 43" HD Overall Wiring





## ■ 51" HD Overall Wiring





**NOTE**

The code number of cable (Lead-connector) can be changed, see “Exploded Views and Parts List”.

### ■ 43" Cable (Lead-connector)

Use	(4) POWER 12 Pin	(1) LVDS FFC 51 Pin
Code	BN39-01285K	BN96-13325G
Photo		

### ■ 51" Cable (Lead-connector)

Use	(4) POWER 12 Pin	(1) LVDS FFC 51 Pin
Code	BN39-01285L	BN96-13325F
Photo		

### 5.1.1. Pin Connection

(1) CN1101 (MAIN) - CN2203 (LOGIC)	
Pin No.	Signal
1	PDP_GO
2	GND
3	3D_SYNC
4	GND
5	GND
6	GND
7	GND
8	GND
9	GND
10	GND
11	GND
12	GND
13	GND
14	GND
15	GND
16	GND
17	GND
18	GND
19	GND
20	GND
21	GND
22	GND
23	GND
24	GND
25	Right[0]-
26	Right[0]+

(1) CN1101 (MAIN) - CN2203 (LOGIC)	
Pin No.	Signal
27	Right[1]-
28	Right[1]+
29	Right[2]-
30	Right[2]+
31	GND
32	RightCLK-
33	RightCLK+
34	GND
35	Right[3]-
36	Right[3]+
37	Right[4]-
38	Right[4]+
39	GND
40	N/C
41	GND
42	GND
43	GND
44	UART Rx
45	GND
46	SCL
47	GND
48	SDA
49	GND
50	UART Tx
51	GND

(2) 43" only CN802 (SMPS) - CN2001 (LOGIC)	
Pin No.	Signal
1	D5.3V
2	D5.3V
3	GND
4	GND
5	PS_ON
6	VS_ON

(2) 51" only CN802 (SMPS) - CN2002 (LOGIC)	
Pin No.	Signal
1	D5.3V
2	D5.3V
3	GND
4	GND
5	PS_ON
6	VS_ON

(3) CN804 (SMPS) - CN5000 (Y-BOARD)	
Pin No.	Signal
1	Vs
2	Vs
3	GND
4	Vg
5	GND
6	Va

(4) CN801 (SMPS) - CN101 (MAIN)	
Pin No.	Signal
1	PS_ON
2	STBY
3	GND
4	VAMP
5	GND
6	GND
7	D5.3V
8	D5.3V
9	GND
10	15V
11	15V
12	D5.3V

(5) CN710 (MAIN) - FUNCTION	
Pin No.	Signal
1	IR
2	GND
3	A3.3V
4	SCL
5	SDA
6	KEY_INPUT1
7	KEY_INPUT2
8	LED_STB

### 5.1.2. Connector Functions

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Connector	Function
CN101 ↔ CN801	Supply main power and sw_power signal from SMPS to Main Board.
CN1101 ↔ CN2023	The LVDS signal transfered from Main Board to Panel .